Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112020\
Data File : VU041369.D
Acq On : 20 Nov 2020 16:03
Operator : SY/MD
Sample : L4849-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4392

Quant Time: Nov 21 05:17:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 21 02:42:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66201	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27405	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17512	3.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.00%			
7) Chloroethane-d5	1.92	69	16698	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.20%			
11) 1,1-Dichloroethene-d2	2.57	63	30436	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.64	46	78400	39.05	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.10%			
24) Chloroform-d	5.08	84	49799	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.72	65	30883	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
32) Benzene-d6	5.74	84	86905	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.70	67	31387	5.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.00%			
41) Toluene-d8	7.90	98	71874	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	8.19	79	11261	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.64	63	53385	38.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.22%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24859	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27574	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	156359	27.207	ug/L	99
12) 1,1-Dichloroethene	2.59	96	3196	0.742	ug/L #	1
13) Acetone	2.64	43	2012	1.511	ug/L	86
17) Methyl tert-butyl Ether	3.38	73	145458	12.329	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	61898	14.748	ug/L	97
19) 1,1-Dichloroethane	3.89	63	25198	2.685	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	1631157	344.122	ug/L	97
33) Benzene	5.79	78	8584	0.483	ug/L	100
34) Trichloroethene	6.55	95	252118	52.478	ug/L	98
47) Tetrachloroethene	8.56	164	1609	0.453	ug/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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